## INTERNATIONAL SEARCH REPORT

in a Application No

A. CLASSIFICATION OF SUBJECT MATTER C12N15/10 C12P21/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ & \text{C12N} & \text{C12P} \end{array}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CAB Data, Sequence Search, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
P,X	WO 2004/083427 A (NUEVOLUTION A/S; FRANCH, THOMAS; JACOBSEN, SOEREN, NYBOE; RASMUSSEN, T) 30 September 2004 (2004-09-30) claims 130-136; figures 11-16	1-178			
P,X	WO 2004/056994 A (GOULIAEV ALEX HAAHR; FRANCH THOMAS (DK); HOLTMANN ANETTE (DK); NUEVOL) 8 July 2004 (2004-07-08) claims 1-117; figures 1-37	1-178			
A	WO 2004/013070 A (NUEVOLUTION A/S; PEDERSEN, HENRIK) 12 February 2004 (2004-02-12) the whole document	1-178			

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents:  A' document defining the general state of the art which is not considered to be of particular relevance  E' earlier document but published on or after the international filing date  L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  O' document referring to an oral disclosure, use, exhibition or other means  P' document published prior to the international filing date but later than the priority date claimed	<ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of the actual completion of the international search  13 January 2006	Date of mailing of the international search report 23/01/2006		
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31~70) 340~2040, Tx. 31 651 epo nl,  Fax: (+31~70) 340~3016	Authorized officer  Hornig, H		

## INTERNATIONAL SEARCH REPORT

It ional Application No

		FC1/DK2005/000199
C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Α	WO 03/078625 A (NUEVOLUTION A/S; PEDERSEN, HENRIK; HOLTMANN, ANETTE; FRANCH, THOMAS; G) 25 September 2003 (2003-09-25) the whole document	1-178
A	WO 02/103008 A (GOUILAEV ALEX HAAHR; NOERREGAARD-MADSEN MADS (DK); SLOEK FRANK ABILGA) 27 December 2002 (2002-12-27) cited in the application claims 1,77,78,104-132; figures 5-7	1-178
Α	WO 2004/016767 A (HARVARD COLLEGE) 26 February 2004 (2004-02-26) cited in the application claims 1-103; figures 9,30-32,52-54,59,61	1-178
A .	WO 02/074929 A (KANAN MATTEW W; GARTNER ZEV J; LIU DAVID R (US); HARVARD COLLEGE (US)) 26 September 2002 (2002-09-26) cited in the application the whole document	1-178
Α	WO 00/61775 A (SERGEEV, PAVEL) 19 October 2000 (2000-10-19) the whole document	1–178
A	WO 00/23458 A (UNIV LELAND STANFORD JUNIOR) 27 April 2000 (2000-04-27) cited in the application the whole document	1-178
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## INTERNATIONAL SEARCH REPORT

nformation on patent family members

in ional Application No

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
WO 2004083427 A	30-09-2004	EP	1608748	A2	28-12-2005
WO 2004056994 A	08-07-2004	AU	2003291964	A1	14-07-2004
WO 2004013070 A	12-02-2004	AU EP	2003247266 1539980		23 <b>-</b> 02-2004 15-06-2005
WO 03078625 A	25-09-2003	AU JP	2003214031 2005521365		29-09-2003 14-07-2005
WO 02103008 A	27-12-2002	CA CN EP JP	2451524 1539014 1402024 2004535193	A A2	27-12-2002 20-10-2004 31-03-2004 25-11-2004
WO 2004016767 A	26-02-2004	AU CA EP JP	2003263937 2495881 1540013 2005536234	A1 A2	03-03-2004 29-02-2004 15-06-2005 02-12-2005
WO 02074929 A	26-09-2002	CA EP JP US US US US	2441820 1423400 2004536162 2003113738 2005233381 2005227281 2005025766 2005042669 2005142583	A2 T A1 A1 A1 A1	26-09-2002 02-06-2004 02-12-2004 19-06-2003 20-10-2005 13-10-2005 03-02-2005 24-02-2005 30-06-2005
WO 0061775 A	19-10-2000	AU CA EP US	2951599 2403209 1208219 2003104389	A1 A1	14-11-2000 19-10-2000 29-05-2002 05-06-2003
WO 0023458 A	27-04-2000	AU CA EP	1318400 2346989 1123305	A1	08-05-2000 27-04-2000 16-08-2001